

# Abdulsamie Hanano

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

600  
citations

623734

14  
h-index

610901

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

528  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of lipid droplets from a <i>Taxus media</i> cell suspension and their potential involvement in trafficking and secretion of paclitaxel. <i>Plant Cell Reports</i> , 2022, 41, 853-871.	5.6	7
2	Quantitative PCR (qPCR) Reveals that the Aflatoxin-Free Pistachio Samples Can Be Potentially Contaminated with Fungal Materials. <i>Food Analytical Methods</i> , 2022, 15, 2703-2711.	2.6	1
3	Functional involvement of caleosin/peroxygenase PdPXG4 in the accumulation of date palm leaf lipid droplets after exposure to dioxins. <i>Environmental Pollution</i> , 2021, 281, 116966.	7.5	4
4	Involvement of hepatic lipid droplets and their associated proteins in the detoxification of aflatoxin B1 in aflatoxin-resistance BALB/C mouse. <i>Toxicology Reports</i> , 2020, 7, 795-804.	3.3	8
5	Dioxin impacts on lipid metabolism of soil microbes: towards effective detection and bioassessment strategies. <i>Bioresources and Bioprocessing</i> , 2020, 7, .	4.2	11
6	Exposure of <i>Aspergillus flavus</i> NRRL 3357 to the Environmental Toxin, 2,3,7,8-Tetrachlorinated Dibenzo-p-Dioxin, Results in a Hyper Aflatoxicogenic Phenotype: A Possible Role for Caleosin/Peroxygenase (AfPXG). <i>Frontiers in Microbiology</i> , 2019, 10, 2338.	3.5	16
7	The cytochrome P450BM-1 of <i>Bacillus megaterium</i> A14K is induced by 2,3,7,8-Tetrachlorinated dibenzo-p-dioxin: Biophysical, molecular and biochemical determinants. <i>Chemosphere</i> , 2019, 216, 258-270.	8.2	12
8	<i>Arabidopsis</i> plants exposed to dioxin result in a WRINKLED seed phenotype due to 20S proteasomal degradation of WRI1. <i>Journal of Experimental Botany</i> , 2018, 69, 1781-1794.	4.8	16
9	Evolutionary, structural and functional analysis of the caleosin/peroxygenase gene family in the Fungi. <i>BMC Genomics</i> , 2018, 19, 976.	2.8	11
10	Evolutionary and genomic analysis of the caleosin/peroxygenase (CLO/PXG) gene/protein families in the Viridiplantae. <i>PLoS ONE</i> , 2018, 13, e0196669.	2.5	23
11	Identification of a dioxin-responsive oxylipin signature in roots of date palm: involvement of a 9-hydroperoxide fatty acid reductase, caleosin/peroxygenase PdPXG2. <i>Scientific Reports</i> , 2018, 8, 13181.	3.3	24
12	The Peroxygenase Activity of the <i>Aspergillus flavus</i> Caleosin, AfPXG, Modulates the Biosynthesis of Aflatoxins and Their Trafficking and Extracellular Secretion via Lipid Droplets. <i>Frontiers in Microbiology</i> , 2018, 9, 158.	3.5	26
13	Biochemical, Molecular, and Transcriptional Highlights of the Biosynthesis of an Effective Biosurfactant Produced by <i>Bacillus safensis</i> PHA3, a Petroleum-Dwelling Bacteria. <i>Frontiers in Microbiology</i> , 2017, 8, 77.	3.5	13
14	Biochemical, Transcriptional, and Bioinformatic Analysis of Lipid Droplets from Seeds of Date Palm ( <i>Phoenix dactylifera</i> L.) and Their Use as Potent Sequestration Agents against the Toxic Pollutant, 2,3,7,8-Tetrachlorinated Dibenzo-p-Dioxin. <i>Frontiers in Plant Science</i> , 2016, 7, 836.	3.6	21
15	Immuno-detection of dioxins using a recombinant protein of aryl hydrocarbon receptor (AhR) fused with sfGFP. <i>BMC Biotechnology</i> , 2016, 16, 51.	3.3	4
16	Specific Caleosin/Peroxygenase and Lipoxygenase Activities Are Tissue-Differentially Expressed in Date Palm ( <i>Phoenix dactylifera</i> L.) Seedlings and Are Further Induced Following Exposure to the Toxin 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Frontiers in Plant Science</i> , 2016, 7, 2025.	3.6	20
17	Differential tissue accumulation of 2,3,7,8-Tetrachlorinated dibenzo-p-dioxin in <i>Arabidopsis thaliana</i> affects plant chronology, lipid metabolism and seed yield. <i>BMC Plant Biology</i> , 2015, 15, 193.	3.6	27
18	<i>Saccharomyces cerevisiae</i> SHSY detoxifies petroleum n-alkanes by an induced CYP52A58 and an enhanced order in cell surface hydrophobicity. <i>Chemosphere</i> , 2015, 135, 418-426.	8.2	18

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19	A Caleosin-Like Protein with Peroxygenase Activity Mediates <i>Aspergillus flavus</i> Development, Aflatoxin Accumulation, and Seed Infection. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6129-6144.	3.1	30
20	Involvement of the caleosin/peroxygenase RD20 in the control of cell death during <i>Arabidopsis</i> responses to pathogens. <i>Plant Signaling and Behavior</i> , 2015, 10, e991574.	2.4	27
21	Removal of petroleum crude oil from aqueous solution by <i>Saccharomyces cerevisiae</i> SHSY strain necessitates at least an inducible CYP450ALK homolog gene. <i>Journal of Basic Microbiology</i> , 2014, 54, 358-368.	3.3	8
22	The Reductase Activity of the <i>Arabidopsis</i> Caleosin RESPONSIVE TO DESSICATION20 Mediates Gibberellin-Dependent Flowering Time, Abscisic Acid Sensitivity, and Tolerance to Oxidative Stress. <i>Plant Physiology</i> , 2014, 166, 109-124.	4.8	53
23	Traceability of polychlorinated dibenzo-dioxins/furans pollutants in soil and their ecotoxicological effects on genetics, functions and composition of bacterial community. <i>Chemosphere</i> , 2014, 108, 326-333.	8.2	26
24	Phytotoxicity effects and biological responses of <i>Arabidopsis thaliana</i> to 2,3,7,8-tetrachlorinated dibenzo-p-dioxin exposure. <i>Chemosphere</i> , 2014, 104, 76-84.	8.2	25
25	Silencing of <i>Erwinia amylovora</i> sy69 AHL quorum sensing by a <i>Bacillus simplex</i> AHL-inducible <i>aiiA</i> gene encoding a zinc-dependent acylhomoserine lactonase. <i>Plant Pathology</i> , 2014, 63, 773-783.	2.4	9
26	Plant Seed Peroxygenase Is an Original Heme-oxygenase with an EF-hand Calcium Binding Motif. <i>Journal of Biological Chemistry</i> , 2006, 281, 33140-33151.	3.4	131
27	Stereochemical features of the hydrolysis of 9,10-epoxystearic acid catalysed by plant and mammalian epoxide hydrolases. <i>Biochemical Journal</i> , 2002, 366, 471-480.	3.7	29